

2001. A check in the amount of \$390.00 for payment of the extension fee is enclosed. Please charge any additional fee required for the extension, and credit any overpayment, to Deposit Account 06-1205.

In response to the October 12, 2000 Official Action, kindly amend the above-identified application as follows:

IN THE CLAIMS:

Please amend Claims 1 and 9 to read as follows. A marked-up copy of Claims 1 and 9, showing the changes made thereto, is attached.

SUBK1
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cont

1. (Eight times amended) A camera comprising:
a physical element, arranged in a photographing optical system having a light transmission factor and a light transmission amount at least one of which is changeable;
photoelectric conversion means for receiving an optical image transmitted through said physical element at a position of an imaging plane, and for converting the optical image into an electrical image signal to be used for photography;
memory means for storing a plurality of correcting information for correcting a change in a spectrum

characteristic of said physical element, caused by a change of at least one the light transmission factor and the light transmission amount of said physical element; and

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correction means for reading out from said memory means the correcting information corresponding to at least one of the light transmission factor and the light transmission amount of said physical element, according to the electrical image signal output from said photoelectric conversion means, and for correcting the change in the spectrum characteristic of the physical element in accordance with the correcting information read out from said memory means.

SUB K2

J2
cont
9. (Eight Times Amended) A camera comprising:
a physical element, arranged in a photographing optical system having a light transmission factor and a light transmission amount at least one of which is changeable non-mechanically;

photoelectric conversion means for receiving an optical image transmitted through said physical element at a position of an imaging plane, for converting the optical image into an electrical image signal to be used for photography, and capable of adjusting at least one of a light accumulation time and a sensitivity;

memory means for storing a plurality of correcting information for correcting a change in a spectrum characteristic of said physical element, caused by a change of at least one the light transmission factor and the light transmission amount of said physical element;

correcting means for reading out from said memory means the correcting information which corresponds to at least one of the light transmission factor and the light transmission amount of said physical element, according to the electrical image signal output from said photoelectric conversion means, and for correcting the change in the spectrum characteristic of the physical element in accordance with the correcting information read out from said memory means; and

exposure amount adjustment means for controlling an exposure amount by a combination of adjusting at least one of the light transmission factor and the light transmission amount of said physical element the change of whose characteristics is corrected by said correcting means, and at least one of the light accumulation time and the sensitivity of said photoelectric conversion means.

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